

We Claim:

1. A yieldable prop having a first end and a second end comprising:
  - a first hollow conduit;
  - a second conduit slidably received in the first hollow conduit;
  - a clamp assembly positioned adjacent to the first hollow conduit and the second conduit;
  - a ring slidably received around the second conduit; and
  - at least one handle connected to the ring and the first hollow conduit.
2. The prop as claimed in claim 1, wherein the clamp assembly includes:
  - a housing positioned adjacent to one end of the first conduit; and
  - a wedge attached to an external surface of the second conduit and configured to engage the housing to prevent the second conduit from further entering the first conduit.
3. The prop as claimed in claim 2, wherein:
  - the clamp assembly further includes a bolt and a nut,
  - the housing is generally C-shaped with opposed ends,
  - parallel legs extend from the opposed ends,
  - each parallel leg includes a bolt opening configured to receive the bolt therethrough, and
  - the nut is received on the bolt.
4. The prop as claimed in claim 3, wherein the nut is torqued to a calibrated load.
5. The prop as claimed in claim 1, further including a jack interface connected to the first hollow conduit and/or the second conduit.
6. The prop as claimed in claim 5, wherein the jack interface is a ring configured to interact with a jack assembly.

7. The prop as claimed in claim 1, further including a ring tie removably positioned between the ring and the clamp assembly.

8. The prop as claimed in claim 1, further including a bearing plate positioned at a first end of the yieldable prop and/or a second end of the yieldable prop.

9. The prop as claimed in claim 8, wherein the bearing plate is selected from a shape including planar, volcano, C-shaped, and I-shaped.

10. The prop as claimed in claim 1, wherein the first conduit has a first length, the second conduit has a second length, and the first and second lengths are chosen as a function of seam height and desired overlap of the first and second conduits.

11. The prop as claimed in claim 1, wherein the clamp assembly includes one or more compressible sleeves.

12. The prop as claimed in claim 1, further comprising a visual tension indicator.

13. The prop as claimed in claim 12, wherein the visual tension indicator is a chain connected to the first hollow conduit.

14. The prop as claimed in claim 1, further comprising a jack assembly positioned adjacent to the first conduit and the second conduit, the jack assembly comprising:

a jack body having a first jack end and a second jack end and defining a fluid inlet opening;

a piston having a plunger and a piston arm, the plunger connected to one end of the piston arm and the plunger housed in the jack body;

a jack clamp assembly positioned at the second jack end of the jack body;

a base defining a first partial orifice positioned at the other end of the piston arm, opposite the plunger; and

a guide defining a second partial orifice positioned adjacent to the first jack end of the jack body.

15. The prop as claimed in claim 1, further comprising a jack assembly including:

a stock base;

a dowel connected to the stock base;

a manual ratchet jack attached to the dowel; and

a stock head connected to the manual ratchet jack.